

C6225559

MODEL 700™ M24

Model 700 M24™

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00084768**

Serial: C6225559 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 9/10/2004 7:38:14 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: **TRANSPORTATION OFFICER**

TRANSPORTATION OFFICER

Address 1: **FRANCES WEATHINGTON**

FRANCES WEATHINGTON

Address 2: **DEF DIST DEPOT**

P.O. Box:

DEF DIST DEPOT

P.O. Box:

City: **ANNISTON**

ANNISTON

State: **AL**

Zip Code: **36201**

Country: **US**

State: **AL**

Zip Code: **36201**

Country: **US**

FFL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A026	Scope	1
A055	Deployment Kit	1

Repair Search

Refresh

Close

Serial Number: **C6225559**
Model: **M24 SWS**

RE00084768

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225559.___0
FILE DATE AND TIME: 10/06/2004 11:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.046
The Average Y Centroid of the Five Target Set:	-0.081
The Average Point of Impact of the Five Target Set:	0.093
The Average Mean Radius of the Five Target Set:	0.576
The Distance from POA to Centroid Target #1:	0.195
The Distance from Centroid Target #2 to Centroid Target #1:	0.193
The Distance from Centroid Target #3 to Centroid Target #1:	0.208
The Distance from Centroid Target #4 to Centroid Target #1:	0.089
The Distance from Centroid Target #5 to Centroid Target #1:	0.107

SERIAL NUMBER: C6225559. __ 0

TARGET NUMBER: 1

FILE DATE: 10/06/2004

FILE TIME: 11:06

POINT#	X	Y
--------	---	---

1:	1.031	-0.848
----	-------	--------

2:	0.724	-0.803
----	-------	--------

3:	0.729	-0.178
----	-------	--------

4:	0.154	-0.607
----	-------	--------

5:	0.164	-0.068
----	-------	--------

6:	-0.103	0.080
----	--------	-------

7:	-0.194	0.359
----	--------	-------

8:	-0.578	0.327
----	--------	-------

9:	-0.692	-0.119
----	--------	--------

10:	-0.257	0.169
-----	--------	-------

X CENTROID: 0.098

Y CENTROID: -0.169

POA TO CENTROID: 0.195

HORZ SPREAD: 1.723

VERT SPREAD: 1.207

GROUP SPREAD: 1.992

MIN RADIUS: 0.121

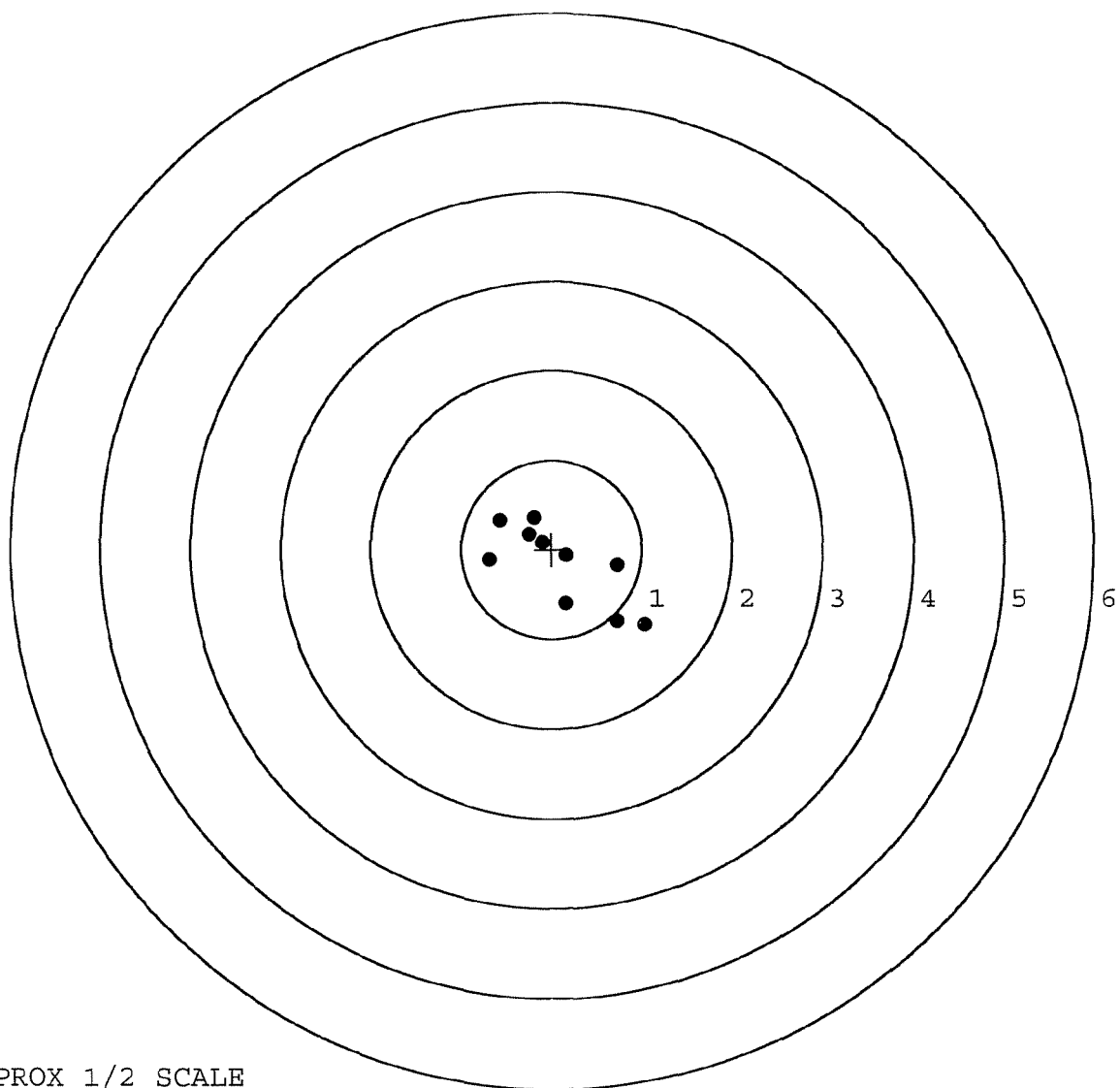
MAX RADIUS: 1.154

MEAN RADIUS: 0.628

IN 1 IN DIAMETER: 4

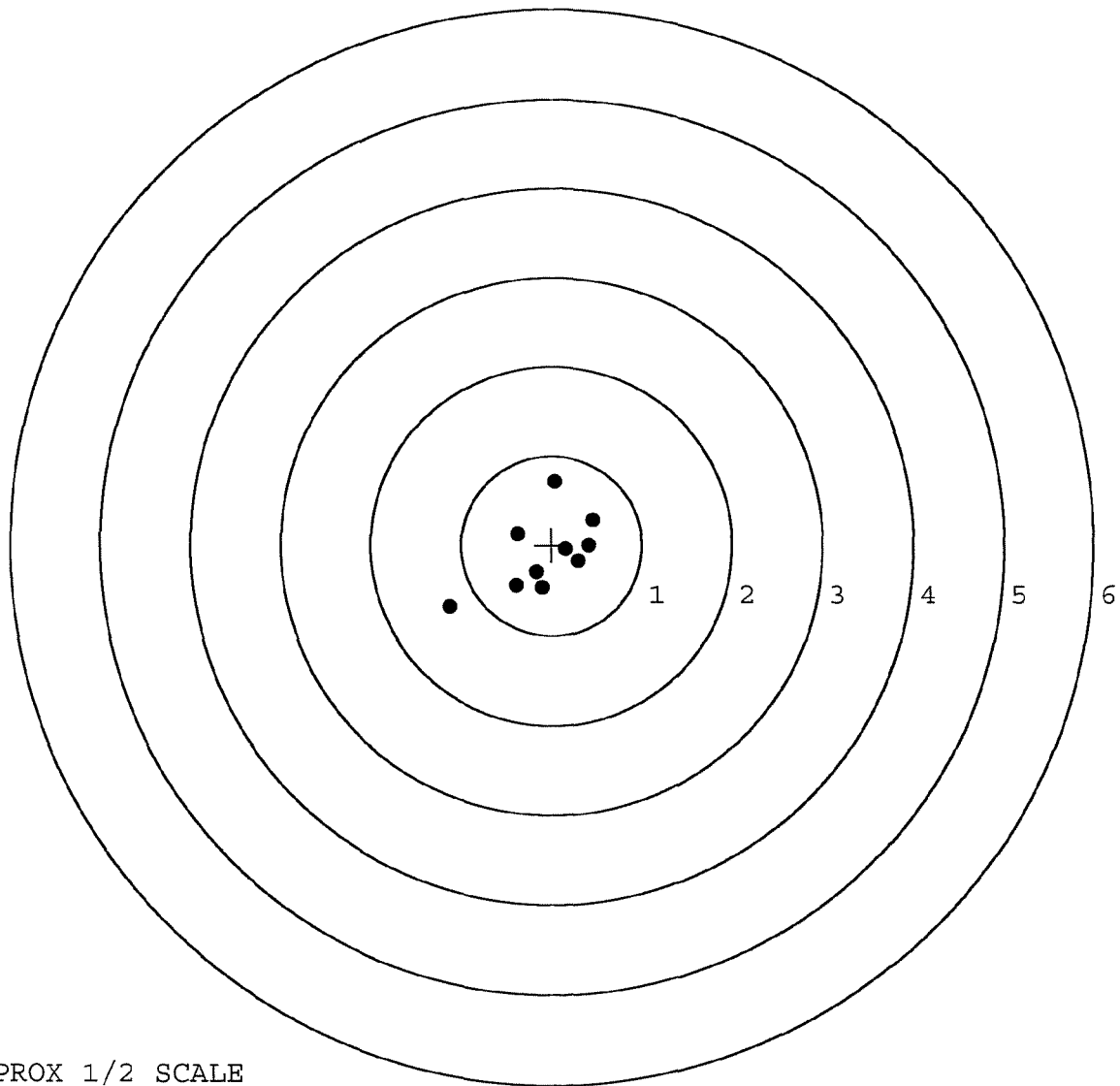
IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225559.____0	POINT#	X	Y
TARGET NUMBER: 2	1:	-1.131	-0.688
FILE DATE: 10/06/2004	2:	-0.384	0.125
FILE TIME: 11:06	3:	0.034	0.712
	4:	0.454	0.286
X CENTROID: -0.083	5:	0.156	-0.053
Y CENTROID: -0.102	6:	0.294	-0.177
POA TO CENTROID: 0.132	7:	0.419	-0.003
HORZ SPREAD: 1.585	8:	-0.167	-0.301
VERT SPREAD: 1.400	9:	-0.399	-0.451
GROUP SPREAD: 1.860	10:	-0.111	-0.475
MIN RADIUS: 0.215			
MAX RADIUS: 1.200			
MEAN RADIUS: 0.526			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225559.___0

TARGET NUMBER: 3

FILE DATE: 10/06/2004

FILE TIME: 11:06

POINT#	X	Y
--------	---	---

1:	1.534	0.206
----	-------	-------

2:	0.568	0.073
----	-------	-------

3:	0.115	0.267
----	-------	-------

4:	-0.160	-0.344
----	--------	--------

5:	-0.717	-0.045
----	--------	--------

6:	-0.326	0.185
----	--------	-------

7:	-0.015	0.081
----	--------	-------

8:	-0.191	-0.073
----	--------	--------

9:	-0.550	-0.016
----	--------	--------

10:	-0.273	-0.193
-----	--------	--------

X CENTROID: -0.002

Y CENTROID: 0.014

POA TO CENTROID: 0.014

HORZ SPREAD: 2.251

VERT SPREAD: 0.611

GROUP SPREAD: 2.265

MIN RADIUS: 0.068

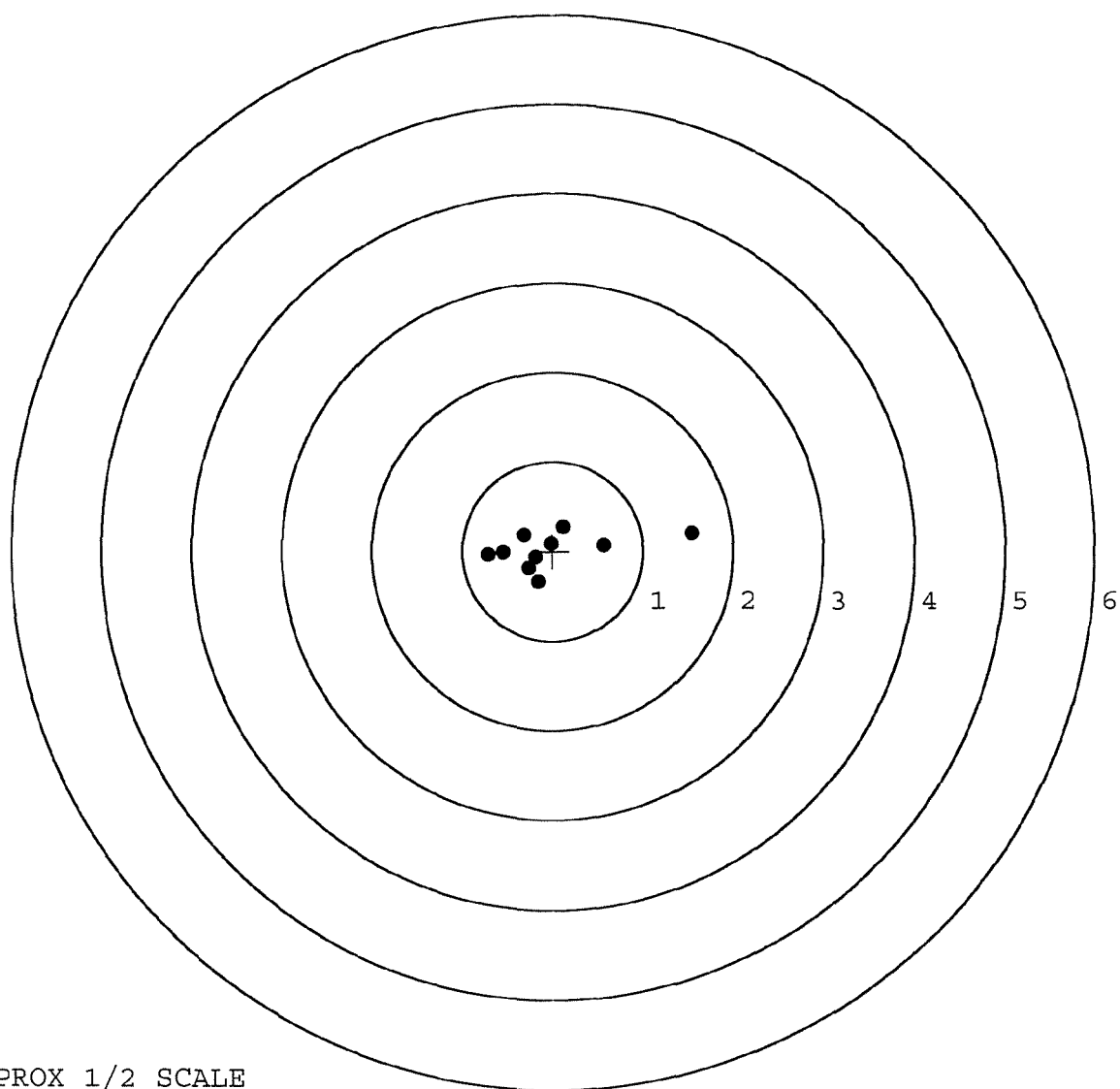
MAX RADIUS: 1.547

MEAN RADIUS: 0.504

IN 1 IN DIAMETER: 6

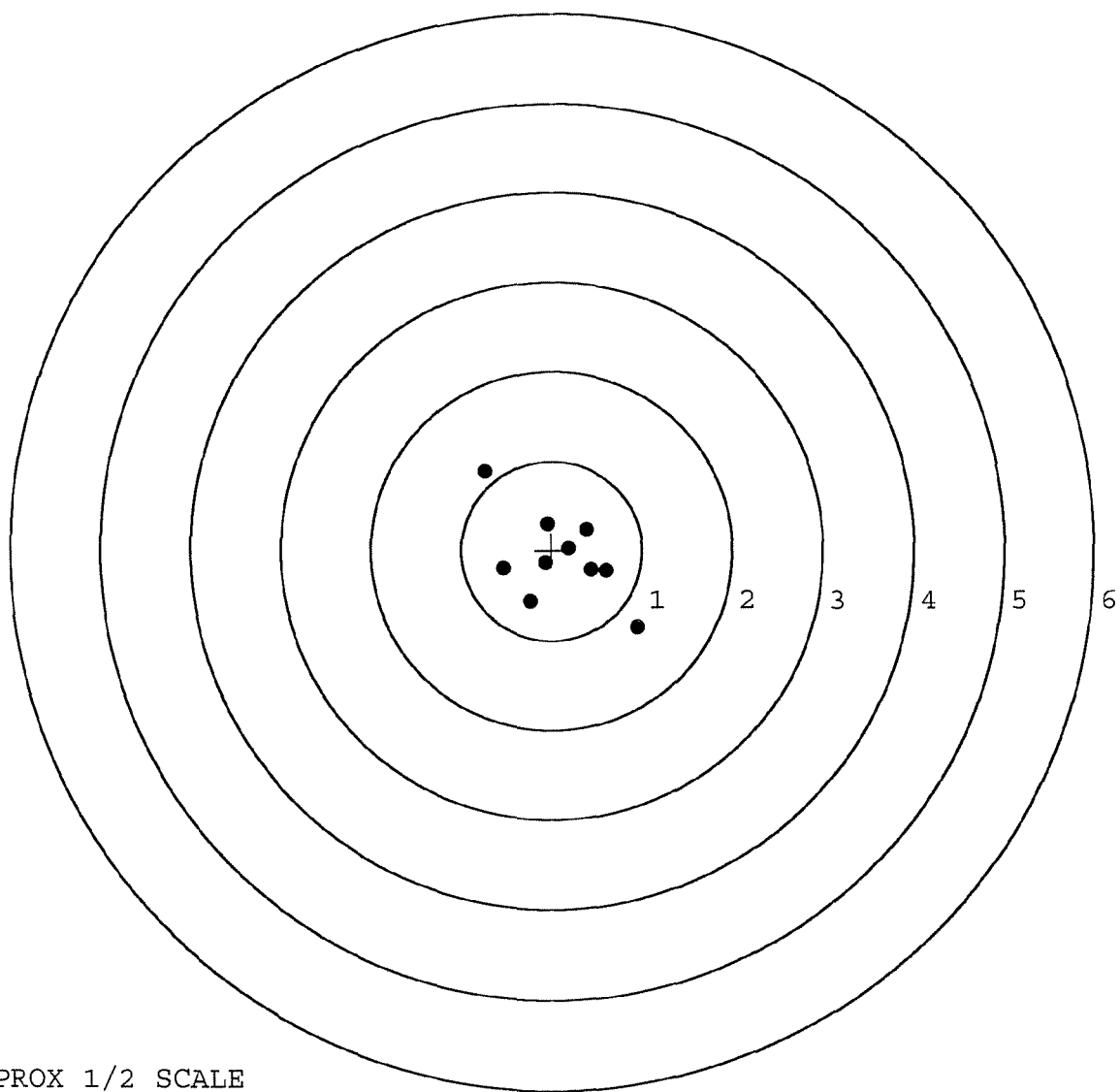
IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225559.____0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.948	-0.857
FILE DATE: 10/06/2004	2:	-0.240	-0.570
FILE TIME: 11:06	3:	-0.538	-0.211
	4:	0.602	-0.228
X CENTROID: 0.093	5:	0.434	-0.219
Y CENTROID: -0.080	6:	-0.735	0.882
POA TO CENTROID: 0.123	7:	0.383	0.228
HORZ SPREAD: 1.683	8:	-0.067	-0.145
VERT SPREAD: 1.739	9:	0.189	0.023
GROUP SPREAD: 2.420	10:	-0.047	0.295
MIN RADIUS: 0.141			
MAX RADIUS: 1.269			
MEAN RADIUS: 0.570			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			

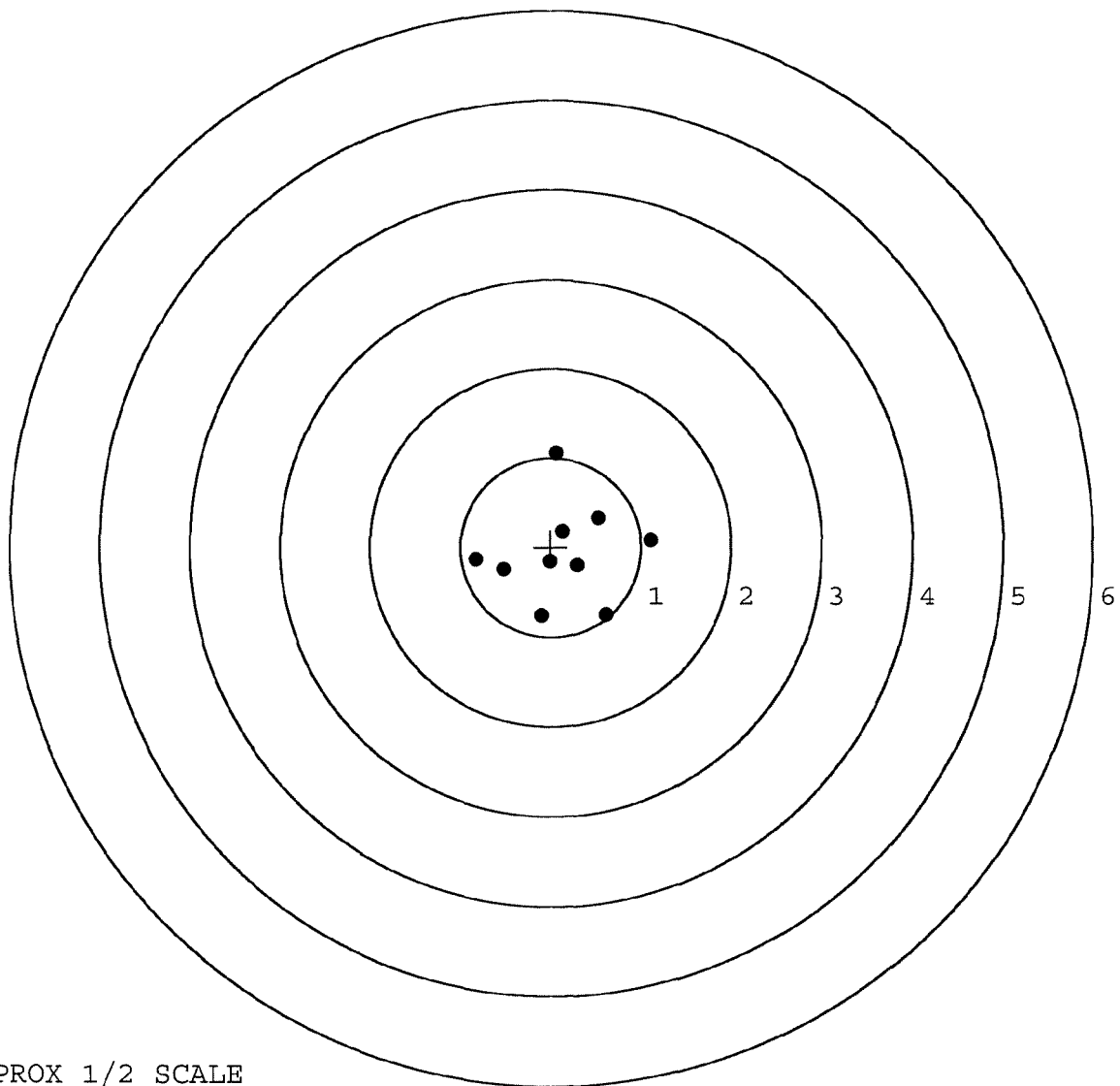


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225559. __0
TARGET NUMBER: 5
FILE DATE: 10/06/2004
FILE TIME: 11:06

POINT#	X	Y
1:	1.110	0.077
2:	0.607	-0.758
3:	0.521	0.332
4:	0.066	1.048
5:	-0.108	-0.772
6:	-0.526	-0.253
7:	-0.832	-0.139
8:	0.300	-0.201
9:	-0.013	-0.164
10:	0.129	0.177

X CENTROID: 0.125
Y CENTROID: -0.065
POA TO CENTROID: 0.141
HORZ SPREAD: 1.942
VERT SPREAD: 1.820
GROUP SPREAD: 1.885
MIN RADIUS: 0.170
MAX RADIUS: 1.115
MEAN RADIUS: 0.653
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	84768		
SERIAL NUMBER	C6225559		
LOG-IN DATE	9-10-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-13-04	RTL
560 A	RE-BARREL	9-22-04	RTL
B	DRILL AND TAP	9-22-04	TRW
575	ASSEMBLE	9-22-04	RTL
600	PROOF	9-23-04	RTL
605	CHECK HEADSPACE	9-23-04	RTL
610	DIS-ASSEMBLE GUN	9-23-04	RTL
612	MAGNAFLUX		OPERATOR <i>BS</i>
615	ROLLMARK CALIBER	9/24/04	
618	ROTO-BLAST	9/27	<i>sw</i>
620	APPLY COATINGS	9/28	<i>HP</i>
625 A	FINAL ASSEMBLY	10-4-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-6-04 000000	RTL TRW
655	FINAL INSPECT	10-7-04	RTL
660	PACK	10-26-04	10A
		SHIP DATE	
QAR INSPECTION DATE			

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225559

33
44 SCALE #
1193

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12	8 8	FB
500	Proof	9 19	8 8	RW
507	Check Headspace	9 19	8 8	RW
510	Dis-assemble Gun	9 19	8 8	RW
512	Magnaflux Barrel Action		9 22 88	P/C.
	Magnaflux Bolt		9 22 88	P/C.
515	Rollmark Caliber		10/12	WC
517	Drill and Tap Sight Holes		10/12	FB
518	Polish Barrel		10/30	NT
520	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
525	Final Assembly			
	A) Clean inside of Bolt Assembly		11/15/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/15/88	RW
	C) Inspect Ejector Hole for Chamfer		11/15/88	RW
	D) Oil Firing Pin Ass'y		11/15/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/15/88	RW

op. #	OP. NAME	READINGS			DATE	INITIAL
625 cont.	F) Safety On Force	5	4.5	4.5	16/10/88	JS
	G) Safety Off Force	3	2.5	2.5	16/10/88	JS
	H) Trigger Pull Test & Retainability				15/10/88	JS
	I) Firing Pin Indent	.021	.021	.0205	16/10/88	JS
	J) Assemble Stock				11/17/88	RW
	K) Assemble Swivel Studs				6/Dec/88	JS
	L) Attach Front and Rear Sight Assemblies				11/30/88	WCB
	M) Iron Sight Alignment				11/30/88	WCB
	N) Detach Front & Rear Sights & place in numbered container				11/30/88	WCB
	O) Attach Scope to Rifle				11/30/88	WCB
	P) Detach & Attach Scope 20 Times				11/30/88	WCB
640	Gallery Target & Test	63 R	896		12/5/88	D/H
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope				12/5/88	D/H
645	Inspect for Live Ammo				12/5/88	D/H
655	Final Inspection					
	A) Headspace				6/Dec/88	JS
	B) Trigger Pull	2.34	2.18	2.36	5/Dec/88	JS
	C) Function				6/Dec/88	JS
660	Pack				12/15/88	RW

0.2
SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6225559
DATE 15 NOV 88
TESTER RJD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.32	2.46	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.41	2.46	2.18	
PULL #3	2.33	2.19	2.53	2.36	
PULL #4	2.45	2.20	2.37	2.27	
PULL #5	2.34	2.21	2.56	2.47	
TOTAL	11.91	11.33	12.38	11.62	
AVG.	2.382	2.266	2.476	2.324	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.01		
PULL #2	3.12	3.14		
PULL #3	3.14	3.11		
PULL #4	3.18	3.15		
PULL #5	3.21	3.11		
TOTAL	15.78	15.52		
AVG.	3.156	3.104		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.14		4.05
PULL #2	4.26	4.14		4.18
PULL #3	4.26	4.17		4.15
PULL #4	4.22	4.17		4.07
PULL #5	4.24	4.16		4.05
TOTAL	21.23	20.78		20.50
AVG.	4.246	4.156		4.10

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C665559

CENTROIDAL DISTANCES

0 TO	1	.76742
1 TO	2	.425011
1 TO	3	.936481
1 TO	4	.508398
1 TO	5	.583953

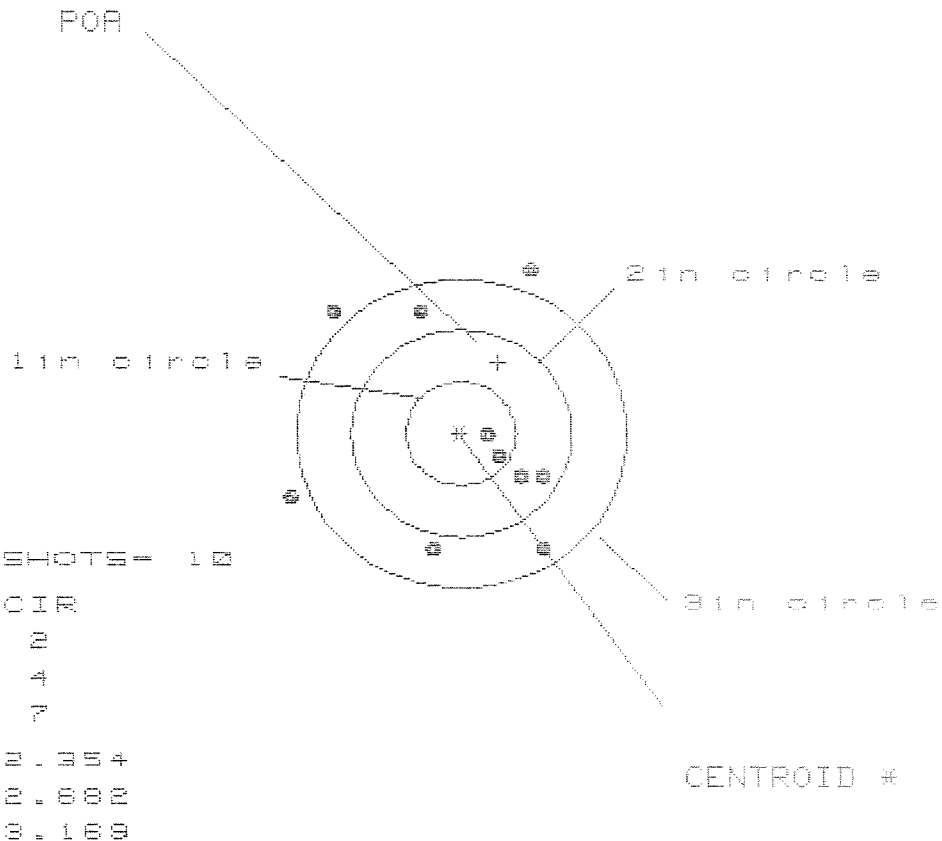
3
4
1
5
+
-----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1083
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3478
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .36442
THE AMR FOR THIS RIFLE IS: .9806

6 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225559

CENTERFIRE PATTERNS # 1

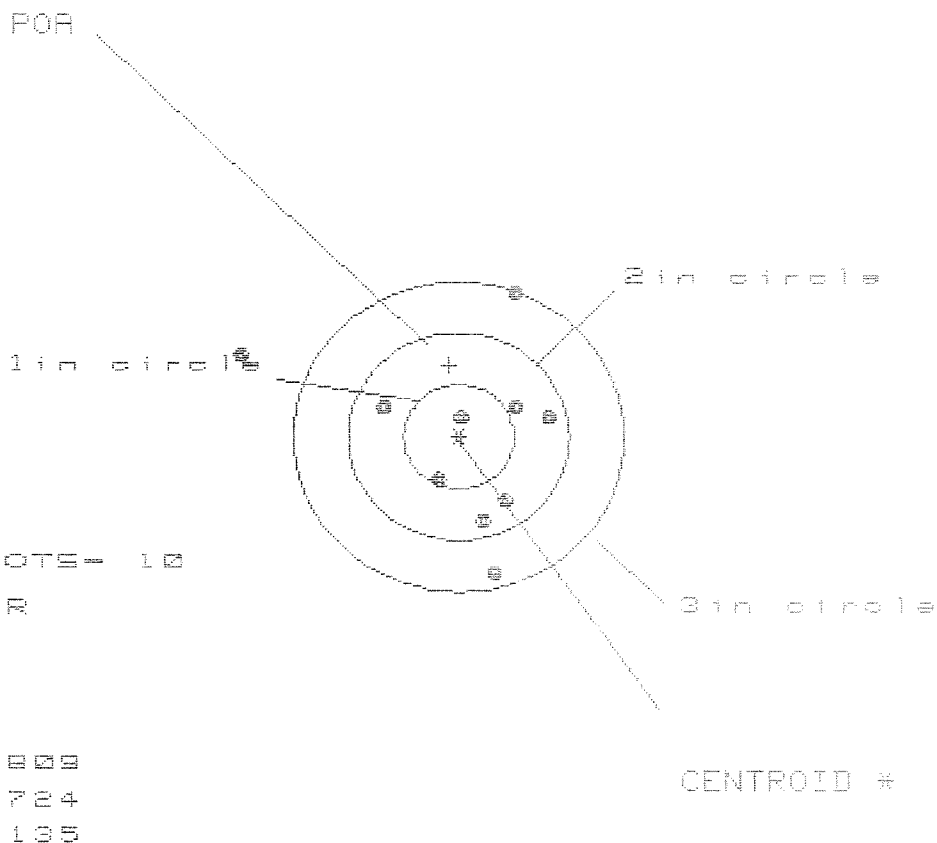


PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.775	.852	.664
MINIMUM X	:	-1.579	-1.502	-1.235
MAXIMUM Y	:	1.575	1.404	1.346
MINIMUM Y	:	-1.107	-.932	-.990
CENTROID X	:	-.342	-.419	-.231
CENTROID Y	:	-.687	-.862	-.804
POA TO CENTROID in.	:	.767	.958	.837
MIN RADIUS	:	.237	.348	.157
MEAN RADIUS	:	1.094	1.016	.880
MAX RADIUS	:	1.719	1.751	1.827
HORIZONTAL SPREAD	:	2.354	2.354	1.899
VERTICAL SPREAD	:	2.682	2.336	2.336
EXTREME SPREAD	:	3.169	3.007	3.007
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

8 Dec 1966

FILE:/PATTERNING/CENTERFIRE_PATT/C8225553

CENTERFIRE PATTERNS # 2

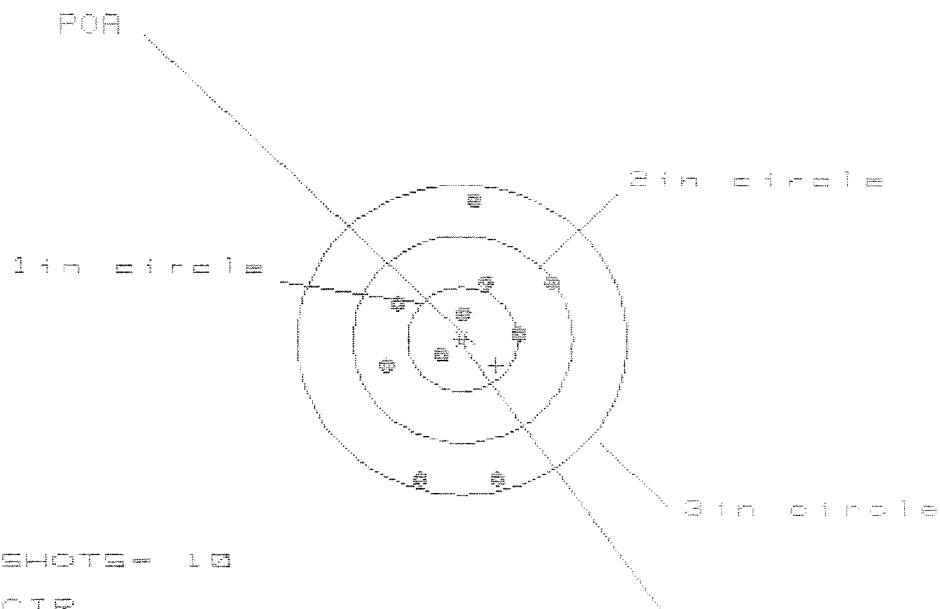


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.842	.624	.666
MINIMUM X	:	-1.967	-.946	-.904
MAXIMUM Y	:	1.398	1.486	.578
MINIMUM Y	:	-1.326	-1.238	-1.052
CENTROID X	:	.083	.301	.259
CENTROID Y	:	-.690	-.778	-.964
POR TO CENTROID in.	:	.695	.834	.998
MIN RADIUS	:	.186	.340	.388
MEAN RADIUS	:	.941	.785	.677
MAX RADIUS	:	2.121	1.525	1.071
HORIZONTAL SPREAD	:	2.809	1.570	1.570
VERTICAL SPREAD	:	2.724	2.724	1.630
EXTREME SPREAD	:	3.135	2.733	1.946
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CAP25558

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.521

VS = 2.709

GS = 2.749

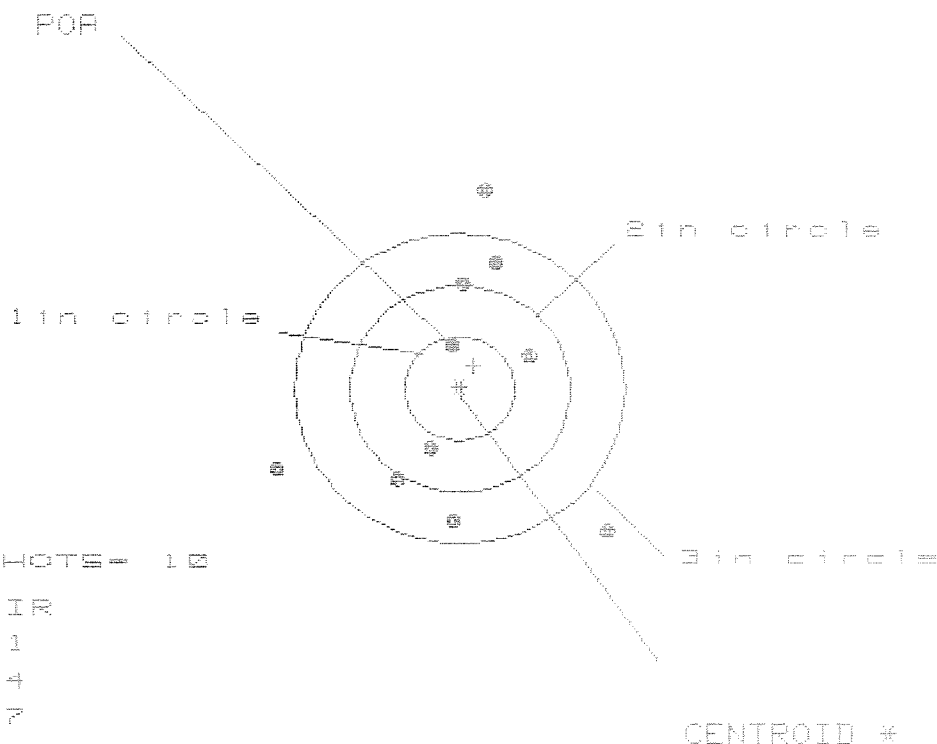
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.811	.765	.803
MINIMUM X	:	-.710	-.756	-.718
MAXIMUM Y	:	1.347	1.196	1.007
MINIMUM Y	:	-1.362	-1.513	-1.590
CENTROID X	:	-.312	-.266	-.304
CENTROID Y	:	.249	.400	.589
POA TO CENTROID in.	:	.399	.480	.663
MIN RADIUS	:	.269	.117	.077
MEAN RADIUS	:	.824	.728	.685
MAX RADIUS	:	1.419	1.542	1.009
HORIZONTAL SPREAD	:	1.521	1.521	1.521
VERTICAL SPREAD	:	2.709	2.709	1.597
EXTREME SPREAD	:	2.749	2.723	1.779
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C8225558

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.071

VS = 3.342

GS = 3.529

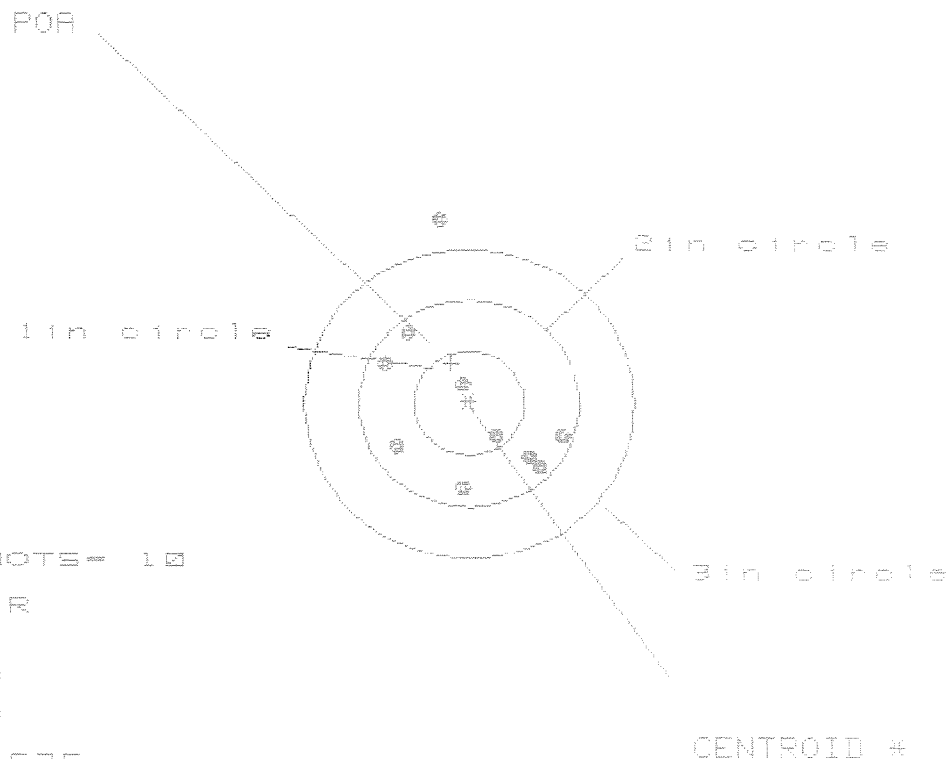
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.373	.821	.870
MINIMUM X	:	-1.698	-1.546	-1.497
MAXIMUM Y	:	1.927	1.769	1.294
MINIMUM Y	:	-1.415	-1.478	-1.256
CENTROID X	:	-.132	-.284	-.333
CENTROID Y	:	-.224	-.066	-.288
POA TO CENTROID in.	:	.260	.292	.440
MIN RADIUS	:	.445	.290	.474
MEAN RADIUS	:	1.217	1.117	1.027
MAX RADIUS	:	1.972	1.813	1.661
HORIZONTAL SPREAD	:	3.071	2.367	2.367
VERTICAL SPREAD	:	3.342	3.247	2.551
EXTREME SPREAD	:	3.529	3.332	2.875
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

6 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225559

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 9

3 in = 9

HE= 1.625

VS= 2.544

GS= 2.551

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.864	.838	.921
MINIMUM X	:	-.762	-.788	-.795
MAXIMUM Y	:	1.737	.842	.789
MINIMUM Y	:	-.787	-.592	-.645
CENTROID X	:	.159	.184	.101
CENTROID Y	:	-.387	-.582	-.529
POA TO CENTROID in.	:	.418	.611	.539
MIN RADIUS	:	.285	.280	.332
MEAN RADIUS	:	.827	.694	.685
MAX RADIUS	:	1.772	1.008	.982
HORIZONTAL SPREAD	:	1.626	1.626	1.626
VERTICAL SPREAD	:	2.544	1.434	1.434
EXTREME SPREAD	:	2.551	1.755	1.753
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-14106

INITIAL
FPS

M24 W/ULTRA 10XM3A SCOPE

DATE RECEIVED 04/22/94	DATE OPENED 04/25/94	DATE CODE DI 9-88	SERIAL NUMBER C6225559	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP		W/STUDS	W/SWIVELS	SCOPE MNTS	SCOPE BASE

FROM:

SHIP TO:

CDR, US ARMY ARMAMENT,
MUNITION & CHEMICAL CMD
ATTN: AMSMC-PCS-NB
ROCK ISLAND

IL 61299

CDR, US ARMY ARMAMENT,
MUNITION & CHEMICAL CMD
ATTN: AMSMC-PCS-NB
ROCK ISLAND

IL

61299

CUST NO: 096460 CLO.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

R724976541

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

Front Sight Base Body Bolt Release Broken,
Butt plate loose, New Barrel

PARTS

COMMENTS

Barrel - 96003
Front Sight mounting Base - 18844

Re Zinc - Scope Base, Scope
Rings, Swivels & Swivel Studs.
Re Powder Coat - Floor plate,
Latch, Trigger Guard & Rear
Sight Base.
Repair Butt plate.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

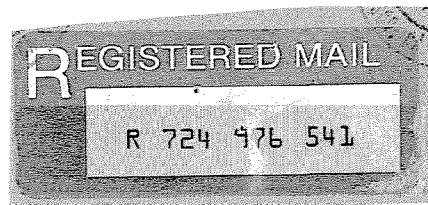
DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400051501



M2400051503

DD Form 1348-1, SEP 87 Jun 86 edition may be used. FORM APPROVED, OMB NO. 0704-0188 DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

Price: 1989-244-058

DEPARTMENT OF THE ARMY

CDR, HHC 2 X

Unit #15041

APO AP 96258

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE. \$300

Remington Arms Co. Inc
14 Hoefler Ave
Ilion, NY 13357

Postage and Fees Paid
Edition of Oct 74 will be used until exhausted.

300000000, CPD



DA FORM 2765-1, APR 76

*U.S. GOVERNMENT PRINTING OFFICE: 1991 238-735
USE TYPEWRITER OR BALL POINT PEN
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PREVIOUS EDITION WILL BE USED

DOC IDENT	ROUT IDENT	FSC	NIN	ADD	UNIT OF ISSUE	QUANTITY	ACQUISITIONER	DATE	SERIAL	SUPPLEMENTARY ADDRESS	FUND	DISTRIB	PROJECT	PRI	REQ DEL DATE	ADV STAT
SEND TO: TEAM II																
REQUEST IS FROM: HHC 2 ID																
EDITING DATA																
DOC IDENT ROUTING IDENTIFIER																
40A																
STOCK NUMBER NIN ADD UNIT OF ISSUE QUANTITY																
100501240-2136 EA 00001																
COST DETAIL ACCOUNT NUMBER UNIT PRICE TOTAL PRICE																
5195 5145.00																
ITEM DESCRIPTION																
7.62mm m24 RIFLE SNIPER																
PUBLICATION DATA																
FUND DISTRIBUTION PROJECT PRIORITY REQ DEL DATE FUNDED NON-FUNDED																
18																
EXP NON-EXP																
X																
MCS CODE																
ISSUED DATE POSTED INIT																
O DATE AVAILABLE INIT																
R DATE RECEIVED SIGNATURE																
S																
ADVICE																
R954221																
R95387																
STOCK NUMBER																
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																

REQUEST FOR ISSUE OR TURN-IN (DA Pam 710-2.1)

94- 5- 4 : 11:49

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET									
For use of this form, see DA FORM 730-700 and 730-701; the proponent agency is DCSLOS.									
1. ORGANIZATION		2. NOMENCLATURE AND MODEL							
3. REGISTRATION/SERIAL/NSN		4a. MILES	4b. HOURS	4c. ROUNDS FIRED	4d. MOT STARTS	5. DATE	6. TYPE INSPECTION		
2X HMC 210				1000		13 Dec 93	TI		
APPLICABLE REFERENCE									
TM NUMBER		TM DATE		TM NUMBER		TM DATE			
COLUMN a - Enter TM item number.					COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.				
COLUMN b - Enter the applicable condition status symbol.					COLUMN e - Individual ascertain completed corrective action initial in this column.				
COLUMN c - Enter deficiencies and shortcomings.									
STATUS SYMBOLS									
"X" - Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X" - Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "-" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					DIAGONAL "/" - Indicates a minor defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists. FOR AIRCRAFT - Status symbols will be recorded in red.				
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.									
1a. SIGNATURE (Person performing inspection)		1b. TIME	2a. SIGNATURE (Maintenance Supervisor)			2b. TIME	3. MANPOWER REQUIRED		
[Signature]									
TM ITEM NO.	STATUS	DEFICIENCIES AND SHORTCOMINGS			CORRECTIVE ACTION			INITIAL WHEN CORRECTED	
1	/	Front sight post							
		Base broken							
2	/	Bolt release will not allow bolt to come out of weapon			This equipment is classified Code (E) 125 50				
3	X	Butt plate loose, weapon has fired over 1500 rounds fired through it and should have been replaced at 1000							

94- 5- 4 : 11:48

HQ 21D GS TNG / FI :# 3

P. 03 / 49

For use of this form, see DA PAM 738-760; the proponent agency is DCSLOG			1 OP /			SYMBOL C8GLD - 1047					
SECTION I - CUSTOMER DATA						SECTION II - MAINTENANCE ACTIVITY DATA					
1. WORK ORDER NO. WIAH 4A A		2. CUSTOMER UNIT NAME AHC 2 ID		3. PHONE NO. 734-6392		4. WORK ORDER NO. A7 Y 204 302310		5. SHOP		6. PHONE NO.	
7. If Interest Cup- turner, enter data in blocks 20 and 21		8. NAME & UIC		9. UTILIZATION CODE		10. UIC SUPPORT		11. SUPPORT UNIT NAME			
SECTION III - EQUIPMENT DATA											
12. ID		13. NPN		14. 11010151011714101211316		15. FAILURE DETECTED DURING (Select one - use / or X)		16. PROB		17. PROB	
17. TYPE INT. REQ. CODE		18. MODEL		19. 11/24		20. A Sub Main		21. B Tool		22. C Storage	
						23. D Normal Op		24. E Inspection		25. F Calibration	
26. NOUN		27. 11/24 sniper system		28. 15101014		29. 100 KILOMETERS (Enter / or X)		30. HOURS		31. POUNDS	
32. ORG WON		33. SIC		34. 15101014		35. 1. LANDINGS		36. 2. AUTO ROTATIONS		37. 3. PROJ CODE	
38. SERIAL NUMBER		39. QTY.		40. 13. PD		41. 19. IN WARRANTY (Y or N)		42. 20. LEVEL OF WORK (Select one - use / or X)		43. 21. Special Repair Activity	
44. Describe Outcomes or Symptoms on the basis of Complete Checkup and Diagnostic Procedure in Equipment TM (Do not prescribe repairs)		45. 1) Front sight bracket broken		46. 2) Bolt in place inoperative		47. 3) Bolt in place inoperative		48. 4) 15,000 + rounds fired		49. 5) Contaminated and Engine stop in down position	
50. 21. BUMPER NO/TAI NO.		51. 22. REMEDIAL CUSTOMER (If Inherent Customer, enter Y or N)		52. 23. PD AUTHENTICATION SIGNATURE (Printed Signature)							
SECTION IV - REPORTABLE DATA											
53. STA		54. ORG DATE		55. MIL TIME		56. STA		57. ORG DATE		58. MIL TIME	
A		23 13 14 12		15 10 10		U		23 13 14 12		15 10 10	
B		23 13 14 12		15 10 10							
C		23 13 14 12		15 10 10							
SECTION V - TASK REQUIREMENTS DATA											
59. FILE IN. PUT CO.		60. TASK NO.		61. ACT. REQ.		62. TASK DESCRIPTION		63. QTY. TO BE RPR		64. WORK CENTER	
65. FAILURE CODE		66. R. MIN. REM. PROJ.		67. 221 F		68. 221 F		69. 221 F		70. 221 F	
71. 221 F		72. 221 F		73. 221 F		74. 221 F		75. 221 F		76. 221 F	
77. 221 F		78. 221 F		79. 221 F		80. 221 F		81. 221 F		82. 221 F	
SECTION VI - PART REQUIREMENTS											
83. FILE IN. PUT CO.		84. TASK NO.		85. QTY. REQUIRED		86. QTY. ISSUED		87. R. MIN. REM. PROJ.		88. STORAGE LOCATION	
89. FAILURE CODE		90. NOUN		91. 221 F		92. 221 F		93. 221 F		94. 221 F	
95. 221 F		96. 221 F		97. 221 F		98. 221 F		99. 221 F		100. 221 F	
101. 221 F		102. 221 F		103. 221 F		104. 221 F		105. 221 F		106. 221 F	
SECTION VII - COMPLETION DATA											
107. QTY. RPR		108. QTY. CONDEMN.		109. QTY. WRTS		110. EVAC WON		111. EVAC UNIT NAME			
SECTION VIII - ACTION SIGNATURES											
112. SUBMITTED BY		113. CHECKED BY		114. REPAIRS STARTED BY		115. REPAIRS COMPLETED BY		116. CHECKED IN BY			
117. ORG DATE		118. ST. ORG DATE		119. MIL TIME		120. ST. ORG DATE		121. MIL TIME		122. ST. ORG DATE	
123. 93 34 7		124. 93 34 7		125. 93 34 7		126. 93 34 7		127. 93 34 7		128. 93 34 7	

DA FORM 5504, SEP 88

DA FORM 5504, APR 87 MAY 88 USED

COPY 2

Final Inspection

In: C6225559

DATE REC'D: 4/22/94

DATE RET'D: ~~4/22/94~~

AUDITOR: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ Looseness☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments: _____

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225559

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		4/27/94	RW
600	Proof		4/27/94	RW
607	Check Headspace		4/27/94	RW
610	Dis-assemble Gun		4/27/94	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/24/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/24/94	RW
	C) Inspect Ejector Hole for Chamfer		5/24/94	RW
	D) Oil Firing Pin Ass'y		5/24/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/24/94	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						5/24/94	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						5/24/94	RW
655	Final Inspection							
	A) Headspace						5/24/94	RW
	B) Trigger Pull	2.29	2.23	2.25	2.23	2.31	5/24/94	RW
	C) Function						5/24/94	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225559
14 Jun 1994

CENTROIDAL DISTANCES

Ø TO	1	.403134
1 TO	2	.475067
1 TO	3	.480935
1 TO	4	.744829
1 TO	5	.189874

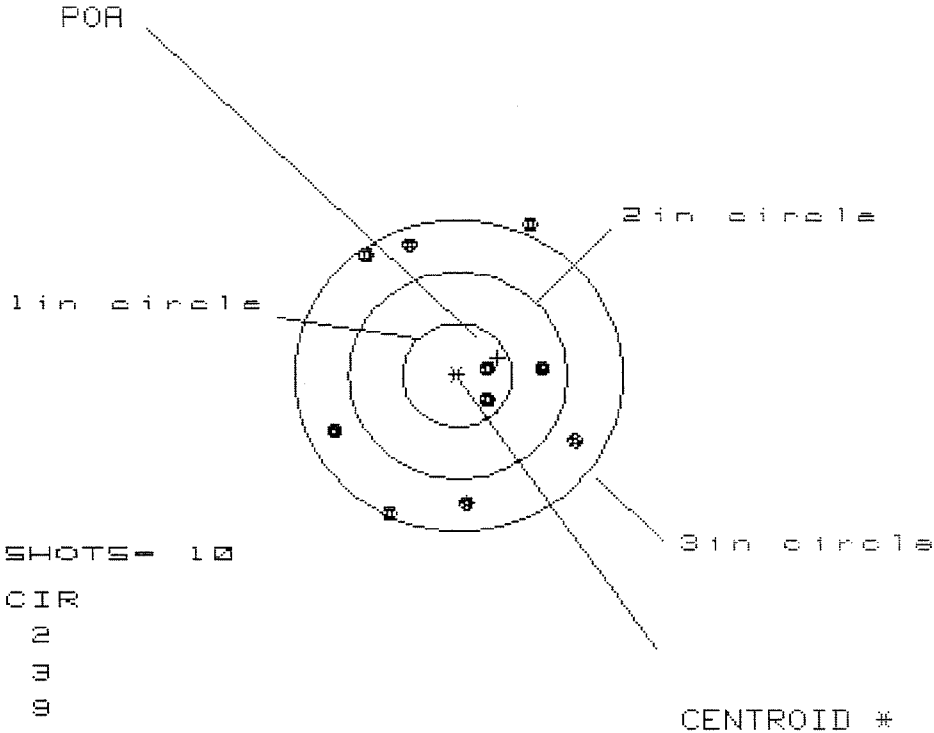
$\frac{2}{5} \frac{1}{5} \frac{4}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.11
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0904
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .14238
THE AMR FOR THIS RIFLE IS: 1.009

14 Jun 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C8225559

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 9

HS= 2.191

VS= 2.754

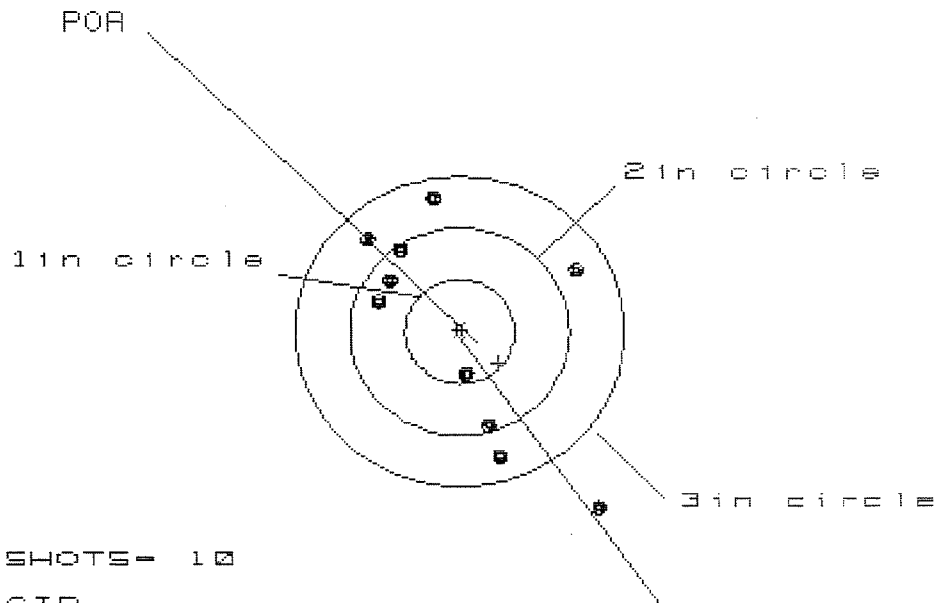
GS= 3.019

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.062	1.131	1.063
MINIMUM X	:	-1.129	-1.060	-1.129
MAXIMUM Y	:	1.426	1.384	1.237
MINIMUM Y	:	-1.328	-1.169	-1.239
CENTROID X	:	-.366	-.435	-.366
CENTROID Y	:	-.169	-.328	-.181
POA TO CENTROID in.	:	.403	.545	.409
MIN RADIUS	:	.252	.302	.257
MEAN RADIUS	:	1.073	1.021	.963
MAX RADIUS	:	1.555	1.486	1.400
HORIZONTAL SPREAD	:	2.191	2.191	2.191
VERTICAL SPREAD	:	2.754	2.553	2.476
EXTREME SPREAD	:	3.019	2.560	2.552
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			9	

14 Jun 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225553

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.111

VS= 3.013

GS= 3.369

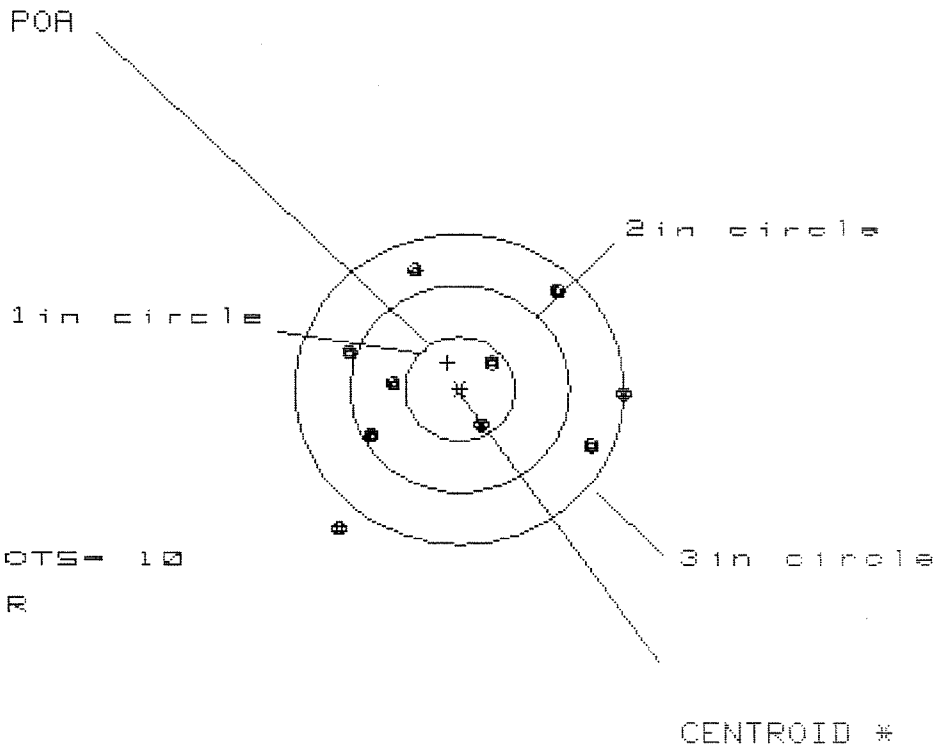
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.244	1.218	1.202
MINIMUM X	:	-.867	-.729	-.745
MAXIMUM Y	:	1.272	1.079	.824
MINIMUM Y	:	-1.741	-1.390	-1.255
CENTROID X	:	-.358	-.496	-.480
CENTROID Y	:	.306	.499	.364
POA TO CENTROID in.	:	.471	.704	.603
MIN RADIUS	:	.404	.530	.483
MEAN RADIUS	:	1.104	.948	.931
MAX RADIUS	:	2.139	1.481	1.349
HORIZONTAL SPREAD	:	2.111	1.947	1.947
VERTICAL SPREAD	:	3.013	2.469	2.079
EXTREME SPREAD	:	3.369	2.550	2.420
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Jun 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225559

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.513

VS= 2.533

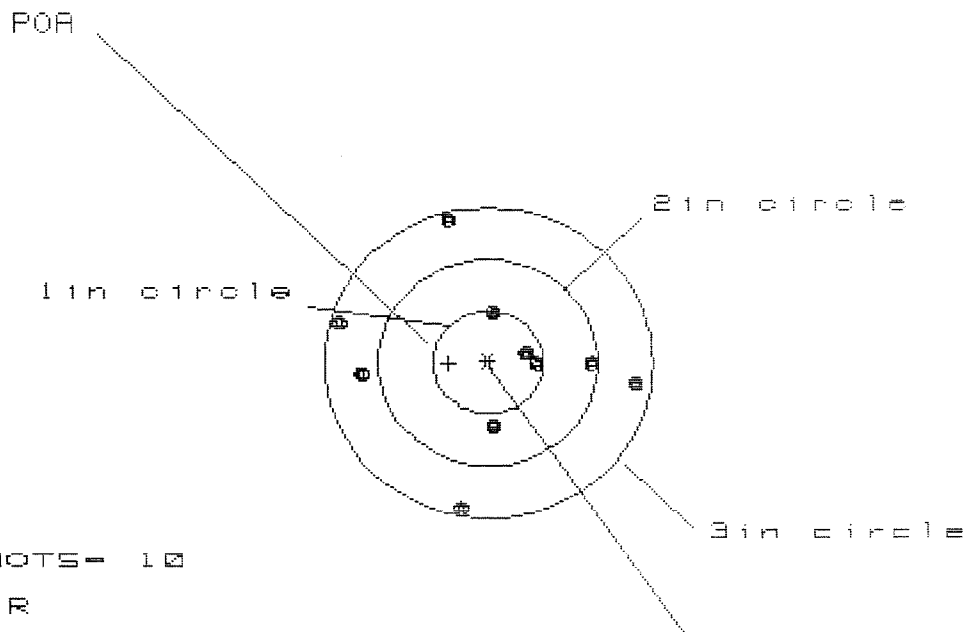
GS= 3.035

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.443
MINIMUM X	-1.070
MAXIMUM Y	1.146
MINIMUM Y	-1.387
CENTROID X	.107
CENTROID Y	-.256
POA TO CENTROID in.	.277
MIN RADIUS	.352
MEAN RADIUS	1.033
MAX RADIUS	1.752
HORIZONTAL SPREAD	2.513
VERTICAL SPREAD	2.533
EXTREME SPREAD	3.035
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	9

14 Jun 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225559

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.728

VS= 2.817

GS= 2.819

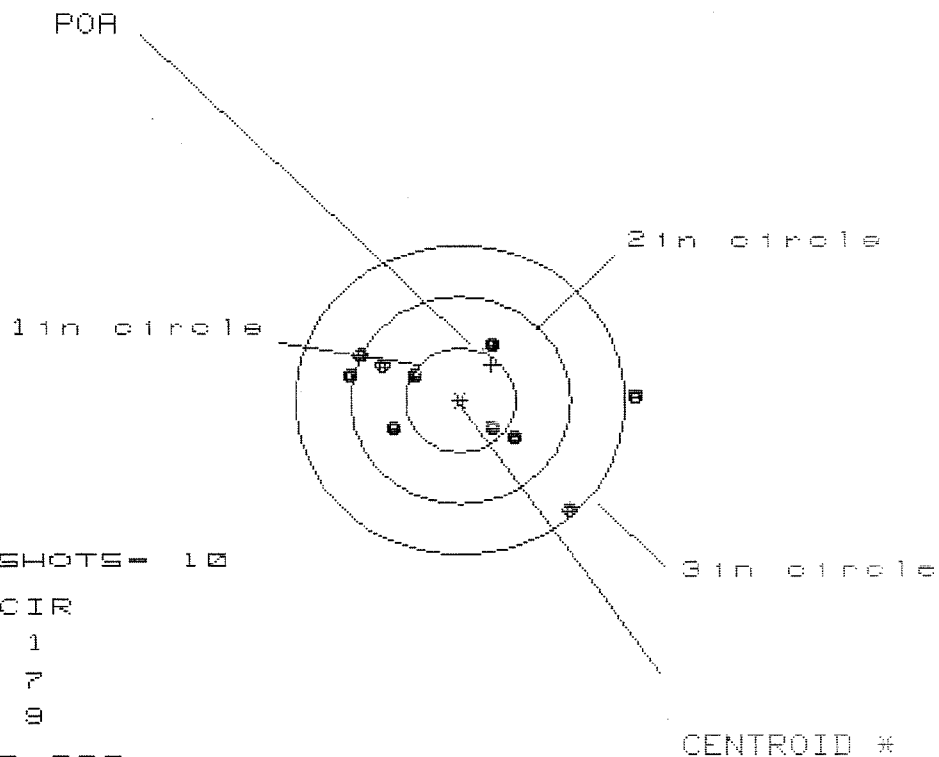
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.335	1.298	1.119
MINIMUM X	:	-1.393	-1.430	-1.343
MAXIMUM Y	:	1.419	.683	.746
MINIMUM Y	:	-1.398	-1.240	-1.177
CENTROID X	:	.357	.394	.573
CENTROID Y	:	.010	-.148	-.211
POA TO CENTROID in.	:	.357	.421	.610
MIN RADIUS	:	.310	.336	.270
MEAN RADIUS	:	.960	.894	.780
MAX RADIUS	:	1.457	1.517	1.348
HORIZONTAL SPREAD	:	2.728	2.728	2.462
VERTICAL SPREAD	:	2.817	1.923	1.923
EXTREME SPREAD	:	2.819	2.785	2.465
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

14 Jun 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C8225553

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.583

VS= 1.606

GS= 2.589

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.593	1.179	.845
MINIMUM X	:	-.990	-.813	-.665
MAXIMUM Y	:	.586	.593	.467
MINIMUM Y	:	-1.020	-1.013	-.497
CENTROID X	:	-.290	-.467	-.615
CENTROID Y	:	-.343	-.350	-.224
POA TO CENTROID in.	:	.449	.584	.654
MIN RADIUS	:	.394	.404	.211
MEAN RADIUS	:	.874	.764	.617
MAX RADIUS	:	1.595	1.554	.980
HORIZONTAL SPREAD	:	2.583	1.992	1.510
VERTICAL SPREAD	:	1.606	1.606	.964
EXTREME SPREAD	:	2.589	2.385	1.630
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	